

POST-DOCTORAL OPPORTUNITY

RELAIX Lab – Paris, France

BNMS Team, Relaix Group

*Institut Mondor de Recherche Biomedicale,
Créteil (FRANCE)
Université Paris-Est Créteil (UPEC)*

Basic Qualifications

- PhD in bioscience, preferably on muscle biology
- Knowledge in muscle stem cell biology and tissue regeneration
- Experience in standard laboratory techniques

Preferred Qualifications

- Manipulation of rodents
- Knowledge of single-cell/nuclei transcriptomics and/or bio-informatics
- Knowledge of microscopy and image analysis

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<http://www.bnmslab.fr/>

The BNMS team investigates the biology of the neuromuscular system from fundamental research in muscle stem cells to the deep characterization of diseased muscle to establish and evaluate innovative therapeutic approaches. Our aim is to translate cutting-edge science to the patients, in a multi-disciplinary team involving researchers, medical doctors and veterinarians.

We are looking for several post-doctoral candidates to:

- (1) Evaluate the disease trajectory in muscle disorders and develop new targeted therapies, with a strong focus on senescence
- (2) Development of stem cell-targeted gene and pharmacological therapies.
- (3) Perform in-depth analysis of the impact of systemic exposure to pollution for tissue repair using single nuclei approach and bio-informatics approaches.

